ABSTRACT

A continuously variable transmission having an input shaft; a flywheel integral with the input shaft; a drive pulley idle with respect to the input shaft and defined by a first and second half-pulley defining a groove of variable width for a V belt; and a centrifugal actuating assembly having a centrifugal actuating device, which intervenes above a first threshold value of the angular speed of the input shaft, so as to connect the drive pulley angularly to the flywheel by means of a clutch interposed between the first half-pulley and the flywheel, and a speed regulating device, which is active above a second threshold value of the angular speed of the input shaft to adjust the width of the groove of the drive pulley, and therefore the work diameter of the belt. The actuating device has push means which exert axial thrust on the first half-pulley at each speed value of the input shaft above the first threshold value.